



The Urban District Council of Stretford

ANNUAL REPORTS

FOR 1904,

OF THE

Medical Officer of Health

AND

Inspector of Nuisances.



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Urban District Council of Stretford.

ANNUAL REPORT OF THE Medical Officer of Health FOR 1904.

*To the Chairman and Members of the Stretford Urban
District Council.*

GENTLEMEN,

I have the honour to submit for your consideration my Eighteenth Annual Report of the Sanitary condition of your District for the year 1904. This Report deals with the vital statistics for the year under consideration.

I am glad to be able to say that the sanitary condition of your District still continues satisfactory.

Tables as required by the Local Government Board will be found appended.

Table I. gives the vital statistics of your district for last year and previous year; the population for each year during the last ten years, the births occurring in your district, and the birth rate; the deaths of infants and the rate per thousand births registered; the deaths which have taken place and the death-rate; the deaths in public institutions in your district; the deaths of non-residents registered in public institutions in your district; the death of non-residents registered in the district; also the deaths of residents registered in public institutions beyond your district; and, lastly, the net deaths at all ages belonging to your district.

Table II. gives the population of your district, the births registered, the deaths at all ages, and the deaths under one year for each ward.

Table III. gives the cases notified under the Notification Act (1889) for the whole district ; also the total cases notified in each ward, and the number of cases removed to hospital, showing from which ward they were removed.

Table IV. gives the deaths in the whole district divided according to the age, and also according to the wards in which they occurred.

There is also a table marked C which gives a summary of the Medical Officer's report for the year 1904, and which is forwarded to the County Medical Officer of Health.

POPULATION.

The population of your district I calculate at 34,060, as against 32,290 for the previous year.

BIRTH-RATE.

Seven hundred and forty-two births (males 353, females 389) have been registered by the local Registrar during the year. This is equivalent to an annual birth-rate of 21.7 per 1,000, as against 24.9 for the previous year.

DEATH-RATE.

The total number of deaths registered in your district during the year was four hundred and two (males 202, females 200). This would give a death-rate of 11.8 of persons who actually died in your district, as against 12.1 of the previous year ; but this death-rate has to be corrected. All residents of your district who have died after removal to institutions outside your district have to be added to the death returns ; consequently 43 deaths have to be added, of which 21 occurred at the Patricroft Workhouse, 12 in various institutions in Manchester, and 10 at the Ladywell Sanatorium. Also two deaths that occurred in public institutions in the district have been deducted. This gives a corrected total of 443 deaths, equivalent to an annual death-rate of 13.0, as compared with the corrected death-rate of last year of 13.5.

BIRTH AND DEATH RATES OF THE TOWNSHIP, 1868-1904.

Year.	Births.	Rate.	Deaths.	Rate.	Population.
1868 ..	330	30.0	170	15.4	11,000
1869 ...	333	30.0	195	17.7	—
1870 ...	373	33.9	216	19.6	—
1871 ..	378	31.5	231	18.4	12,000
1872 ...	378	31.5	186	15.5	—
1873 ...	357	29.7	189	15.7	—
1874 ...	409	34.0	236	19.6	—
1875 ..	445	37.0	247	20.5	—
1876 ...	482	32.1	282	19.0	15,000
1877 ...	522	30.7	311	18.3	17,000
1878 ...	359	31.0	323	18.0	18,000
1879 ...	548	28.8	300	15.7	19,000
1880 ...	545	27.2	339	16.9	20,000
1881 ...	600	30.0	264	13.2	—
1882 ...	556	27.8	295	14.7	—
1883 ...	573	28.6	306	15.3	—
1884 ...	550	27.5	346	17.3	—
1885 ...	508	25.4	316	15.8	—
1886 ...	557	26.5	314	15.0	21,000
1887 ...	540	25.7	328	15.6	—
1888 ...	485	23.0	310	14.7	—
1889 ...	492	23.4	308	14.6	—
1890 ...	511	24.3	354	16.8	—
1891 ...	497	22.8	382	17.5	21,751
1892 ..	472	21.7	295	13.5	21,751
1893 ...	472	21.4	324	14.7	22,000
1894 ...	446	20.2	284	13.0	22,000
1895 ...	494	21.9	356	15.7	22,500
1896 ...	540	22.0	338	13.7	24,500
1897 ...	550	21.5	342	13.4	25,500
1898 ...	567	20.8	346	12.7	27,180
1899 ...	602	21.8	422	14.7	27,540
1900 ...	626	21.8	413	14.4	28,600
1901 ...	611	20.3	401	14.4	30,000
1902 ...	670	21.6	401	12.9	30,900
1903 ...	807	24.9	437	13.5	32,290
1904 ...	742	21.7	443	13.0	34,060

The above table shows, that the death-rate for the year under consideration is 0.8 lower than the average death-rate for the past ten years.

Ward.	Acreage.	Population.	Persons per Acre.	Birth Rate.	Death Rate.
Stretford	980	5280	5.3	27.6	13.4
Longford	454	2790	6.1	24.3	18.6
Talbot	1318	5820	4.4	33.3	15.1
Trafford	270	8900	32.9	24.7	8.8
Cornbrook.....	171	4110	24.0	14.3	12.6
Clifford	62	7160	115.4	18.1	14.1

Below is the table of the previous year :—

Ward.	Acreage.	Population.	Persons per Acre.	Birth Rate.	Derth Rate.
Stretford	980	4730	4·6	24·5	15·8
Longford	452	2740	6·0	27·0	12·8
Talbot	1313	5000	3·7	38·2	14·6
Trafford	270	8650	32·0	21·6	11·0
Cornbrook.....	171	4080	23·2	19·3	13·7
Clifford ..	62	7090	114·3	22·5	13·9

The following table shows the deaths in groups according to the age :—

Deaths in Groups.	1903	1904
Under 1 year of Age	88	85
Between 1 year and under 5 years ..	42	43
,, 5 ,, ,, 15 ,, ...	15	18
,, 15 ,, ,, 25 ,, ...	22	20
,, 25 ,, ,, 65 ,, ...	188	171
Over 65 years	82	97

INFANT MORTALITY.

The rate of Infant deaths under one year of age to 1,000 births was 114.5, as compared with 109.0 for the year 1903.

ZYMOTIC DEATH-RATE.

36 deaths were caused by the common zymotic diseases, and 7 by diarrhoea and enteritis, making a total of 55 deaths from zymotic diseases.

The zymotic death-rate is therefore 1.6 per thousand as against 1.0 of the previous year.

Table of wards and zymotic death-rates for 1903 and 1904 :

WARD.	1903	1904
Stretford	1·0 per 1000	2·0 per 1000
Longford	·7 „	3·2 „
Talbot	1·4 „	1·5 „
Trafford	0·7 „	·7 „
Cornbrook	1·7 „	1·2 „
Clifford	1·1 „	1·9 „

The following is a table supplied to me by the Medical Superintendent of the Ladywell Sanatorium, which gives the number of cases treated at that Institution during the year, the number of cases admitted, the number discharged, the number of deaths, and the number remaining in the hospital at the end of the year; the corresponding tables for the year 1903, are also given as well as the average for the last four years.

Disease.	No. of Cases Treated.	No. of Cases Adm'ted.	No. of Cases Disc'ged.	No. of Deaths.	No. of Cases Remain'g
Scarlet Fever.....	56	48	46	3	7
•Enteric Fever	7	5	6	1	—
Typhus Fever	—	—	—	—	—
Diphtheria.....	38	40	31	5	2
Erysipelas	3	3	2	1	—
Puerperal Fever	1	1	1	—	—
Small Pox	4	3	4	—	—
Other Diseases	6	—	6	—	—
Total	115	100	96	10	9
Corresponding year 1903	91	85	67	9	15
Average 4 years	120·5	107·5	93·5	15·0	12·0

SMALLPOX.

During the year three cases of Smallpox have been notified in your district ; one occurred in the Talbot Ward, and two in the Clifford Ward. All these cases were removed to hospital, the houses fumigated, the walls stripped and washed, the remaining persons left in each of the respective infected houses kept under observation for at least 16 days, and every effort made to prevent the spread of the disease, in which effort we have been successful.

MEASLES.

Nine deaths were caused by this disease, as against six in the previous year.

SCARLET FEVER.

Sixty-seven cases of Scarlet Fever were reported as against eighty-nine for the previous year ; of these, two occurred in Stretford, two in Longford, sixteen in Talbot, twenty-two in Trafford, nine in Cornbrook, and sixteen in the Clifford Wards. Of this total three proved fatal at the Ladywell Sanatorium ; in the previous year two proved fatal.

DIPHTHERIA.

Sixty-four cases of Diphtheria were reported, as against thirty-seven for the previous year. Fifteen cases occurred in the Stretford Ward, seven in the Longford, eighteen in the Talbot, eight in the Trafford, two in the Cornbrook, and fourteen in the Clifford ; of this number there were ten fatal cases, as against six of the previous year.

WHOOPIING COUGH.

This disease, which is not notifiable, caused seven deaths this year, against six last year.

TYPHOID OR ENTERIC FEVER.

Seventeen cases of Typhoid Fever were notified as against fourteen of the previous year ; of this number, one occurred in the Stretford Ward, two in the Longford, one proving fatal, four in the Talbot, one in the Trafford Ward, four in the Cornbrook Ward, one of which proved fatal in hospital, and five in the Clifford Ward ; last year there were five fatal cases.

ERYSIPELAS.

Twenty cases of Erysipelas were notified, three of which proved fatal ; last year there were twenty-two cases.

PUERPERAL FEVER.

One case of Puerperal Fever has been notified during the year ; which proved fatal, last year there were two cases both which proved fatal.

DIARRHOEA AND ENTERITIS.

Nineteen cases of Diarrhoea and Enteritis proved fatal during the year, against eight for 1903.

Below is a summary of notified diseases for the last ten years:—

1895	...	227	1900	...	470
1896	...	118	1901	...	712
1897	...	829	1902	...	290
1898	...	263	1903	...	178
1899	...	267	1904	..	172

ISOLATION HOSPITAL.

During the year we have removed 97 cases to the Ladywell Sanatorium, and 3 to the Smallpox Hospital, whereas last year 85 cases were removed. The cases were as follows :—

	1903	1904
Scarlet Fever	49	48
Typhoid Fever	5	5
Diphtheria & Membranous Croup	17	40
Continued Fever	1	—
Puerperal Fever	—	1
Smallpox	13	3
Erysipelas	—	3

BACTERIOLOGICAL EXAMINATIONS.

38 Bacteriological Examinations have been made at the Public Health Laboratory, Stanley Grove, Manchester, during the year as against 26 for the previous year; the 38 cases this year consisted of Diphtheria, 23; Typhoid 8; and Sputum 7. Nine specimens of alleged diphtheria gave positive results, of the Typhoid cases there were 5 positive results, and of the seven samples of sputum five proved to be tuberculous.

PREVENTION OF INFECTIOUS DISEASES.

During the year there has been a slight diminution of notifiable diseases; below is a table giving the number in each ward for the years 1903 and 1904 :—

WARD.	Number of Cases Notified. 1903	Number of Cases Notified. 1904
Stretford	24	26
Longford	16	12
Talbot	50	43
Trafford	44	31
Cornbrook	16	18
Clifford	28	42
	178	172

This gives a total of 178 for 1903 and 172 for the year under consideration.

COWSHEDS, DAIRIES, AND MILKSHOPS.

The Cowsheds, Dairies, and Milkshops' Register shows an increase of Cowsheds and Milkshops. These premises are frequently visited, and every effort is made to keep them in a satisfactory condition, and any breach of the Council's regulations is brought to the notice of the occupier.

SLAUGHTER-HOUSES.

Eight Slaughter-houses are registered in your district, against seven for the previous year. Taken as a whole, the structural conditions are fairly good.

The Slaughter-houses have been visited regularly during the year; 30,408 head of cattle and 11,630 sheep have been slaughtered during the year at the Lairages in connection with the Foreign Animals' Wharf at Mode Wheel. The carcasses of eighteen beasts and thirty-three sheep have been condemned as unfit for human food.

LAUNDRIES.

There are five Laundries in your district. They are visited periodically, and their condition has been found to be fairly satisfactory.

WATER SUPPLY.

The water supply of your district is received mainly from the Manchester Water Works. It is of the constant service system generally, and is satisfactory.

The water from two wells have been analysed during the year, each of which were certified to be unfit for domestic use.

BAKEHOUSES.

There are 31 Bakehouses in your district, to which 31 visits have been paid during the year. Of these 4 are cellar bakehouses, and as section 101 of the Factory and Workshops Act, 1901, does not permit such to be occupied except with the permission of the Authority, and in order to render these cellar bakehouses so that your Authority could certify them fit for occupation, I drew up regulations, which were adopted by your Council, the result being that six have been closed and four have carried out such alterations as are approved by your Sanitary Committee.

STREAMS AND WATERWAYS.

The streams and waterways of your district have been fairly satisfactory during the year.

SEWAGE FARM.

Your Sewage Farm continues satisfactory. The effluent has been examined 5 times during the year, and the samples taken give an average of 0.30 grains per gallon of oxygen absorbed in a four hours' test.

SANITARY IMPROVEMENTS.

During the year 33 intercepting traps have been fixed between the main sewer and the house drains, and at the head of each system of drainage 50 ventilating shafts have been erected, by these a through current of fresh air is ensured ; also during the year 249 privies and 133 ashpits have been replaced by 249 pedestal water-closets, and dry ash receptacles and galvanized dust bins.

PROSECUTIONS.

35 prosecutions have been instituted during the year under various Acts ; of this number 13 were taken against firms for emitting black smoke in such quantity as to be a nuisance ; and 22 against persons for offences against the Towns Police Clauses Act, 1847.

HOUSING SCHEME.

The Scheme referred to in my Report of last year has now received the sanction of the Local Government Board (subject to slight alteration), and I trust that erection of some of these dwellings for the poorer portion of the working-classes of your district may soon be proceeded with.

SANITARY STATE OF THE DISTRICT AT THE END OF THE YEAR.

The sanitary state of your district is satisfactory, and the number of notified diseases less than the previous year, and the death-rate being still very low.

The Inspectors attend the office every morning from the hours of nine till ten, and it is therefore necessary that all complaints should be lodged before the last-mentioned hour, otherwise they may not receive attention that day, unless it is a matter of urgency.

Particulars of inspections and sanitary work done, nuisances removed, and other information concerning the work of the Sanitary Department will be found in Inspector Nuttall's Report, appended.

Your obedient Servant,

W. J. HESLOP, F.R.C.S., L.R.C.S.,

Medical Officer of Health.

Council Offices,

February 10th, 1905.

COUNTY OF LANCASTER.

TABLE I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1904
AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year	BIRTHS.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents Registered in Public In- stitutions in the District.	Deaths of Residents regis- tered in Public Institutions beyond the District.	DEATHS AT ALL AGES NETT.	
		Number.	Rate.*	Deaths under one year of age.		Deaths at all ages. TOTAL.					Number.	Rate.*
				Number.	Rate per 1,000 Births Reg'd.	NUMBER.	Rate*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1894	22000	446	20·2	75	168·1	284	13·0				284	13·0
1895	22500	494	21·9	76	153·8	356	15·7				356	15·7
1896	24500	540	22 0	77	142·5	338	13·7			4	338	13·7
1897	25500	550	21·5	93	169·0	342	13·4			14	342	13·4
1898	27180	567	20·8	74	130·5	346	12 7			17	346	12·7
1899	27540	602	21·8	92	152·8	422	14·7			30	437	15·2
1900	28600	626	21·8	93	148·5	413	14·4			40	468	16·3
1901	30000	611	20·3	88	144·0	401	14·4			59	434	14·4
1902	30900	670	21·6	87	129·8	401	12 9			44	401	12·9
1903	32290	807	24·9	88	109·0	437	13·5			46	437	13·5
Ave'ges for years 1894—03	27101	551	20·3	84	150·6	374	13·8				384	14·1
1904	34060	742	21·7	85	114·5	402	11·8	2	2	43	443	13·0

* Rates in columns 4, 8, and 13 calculated per 1,000 estimated population.

NOTE.—The deaths included in column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in column 7 corrected by the subtraction of the number in column 10 and the addition of the number in column 11.

By the term “Non-residents” is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term “Residents” is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The “Public Institutions” to be taken into account for the purposes of these tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the institutions in respect of the deaths in which corrections have been made should be given on the back of this table.

Area of District in acres (exclusive of area covered by water),
3,248.

Total population of all ages at Census of 1901 : 30,436.

Number of inhabited houses „ „ 6,251

Average number of persons per house „ 4.8

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III, Other Institutions, the deaths in which have been distributed amongst the several localities in the District.
NONE	<p>Manchester Royal Infirmary.</p> <p>Salford Royal Hospital.</p> <p>Patricroft Union Hospital and Workhouse.</p> <p>Mauldeth Hospital for Incurables.</p> <p>Cancer Hospital, Manchester.</p> <p>Southern Hospital, Manchester.</p> <p>St. Mary's Hospital, Manchester.</p> <p>Ladywell Sanatorium, Salford.</p> <p>Smallpox Hospital Prestwich.</p>	NONE

Is the Union Workhouse within the District?—No.

Are the deaths of persons not belonging to the District occurring in the Public Institutions allocated to the District to which they belong?—Yes.

COUNTY OF LANCASTER.

TABLE II.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1904 AND PREVIOUS YEARS.

Name of Localities.	1 STRETFORD.				2 LONGFORD.				3 TALBOT.				4 TRAFFORD.				5 CORNBROOK.				6 CLIFFORD.				7 TOTALS.				
	a	b	c	d	Deaths at all ages.	Births registered.	Population estimated to middle of each year.	Deaths under 1 year.	a	b	c	d	Deaths at all ages.	Births registered.	Population estimated to middle of each year.	Deaths under 1 year.	a	b	c	d	Deaths at all ages.	Births registered.	Population estimated to middle of each year.	Deaths under 1 year.	a	b	c	d	
Year.	1895	4239	108	64	19	52	2391	44	10	1409	16	14	3	3357	73	62	7	3528	61	54	10	7576	184	118	27	22500	494	356	76
	1896	4454	106	49	16	62	2651	36	12	1574	10	18		5342	115	63	9	3803	70	67	20	7576	177	104	20	24500	540	338	77
	1897	4554	99	61	26	52	2651	27	7	1574	14	11	2	5342	138	81	20	3803	81	44	9	7576	166	101	29	25000	550	342	93
	1898	4850	110	61	13	56	2800	38	6	2100	24	19	2	6000	144	76	24	3805	64	48	11	7580	166	87	18	27180	567	346	74
	1899	3880	96	62	15	61	2600	45	11	2690	47	31	11	7670	164	94	26	3800	75	56	8	3900	159	119	21	27540	602	437	92
	1900	4000	107	55	17	54	2600	31	7	3500	74	38	9	7800	159	109	17	3800	82	57	18	6900	148	123	25	28300	626	468	93
	1901	4150	101	56	16	45	2600	3	6	4500	112	56	21	8050	155	97	22	3800	68	50	11	6090	130	92	12	30000	611	383	88
	1902	4300	122	70	17	70	2700	40	12	4400	140	55	19	8400	133	80	17	4050	55	47	7	7050	150	108	17	30900	670	401	89
	1903	4730	116	75	12	71	2740	33	2	5000	191	75	33	8650	189	98	11	4080	82	57	11	7090	158	99	19	32290	807	437	88
	Averages of Years 1895 to 1903.	4350	107	61	17	58	2637	36	8	2972	69	35	11	6734	141	84	17	3835	71	53	11	7148	160	106	21	27602	607	390	85
1904	5280	146	71	19	68	2790	52	19	5820	194	88	26	8900	144	79	12	4110	59	52	5	7160	131	101	14	34060	742	443	85	

NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes, or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district; and blocks 2, 3, &c. for the several localities. In small districts without recognised divisions of known population this table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns *c* of this table, and those of non-residents registered in public institutions in the district excluded. (See note on table I. as to meaning of terms “resident” and non-resident.”)

(c) Deaths of residents occurring in public institutions, whether within or without the district, are to be allotted to the respective localities according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this table respectively equal the corresponding totals for the whole districts in Tables I. and IV.; thus, the totals of the sub-columns *a*, *b*, and *c* should agree with the figures for the year in the columns 2, 3, and 12 respectively of table I.; the gross total of the sub-columns *c* should agree with the total of column 2 in table IV., and the gross total of sub-columns *d* with the total of column 3 in table IV.

COUNTY OF LANCASTER.
TABLE III.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1904.

Notifiable Disease.	Cases notified in whole District.					Total Cases notified in each Locality.						No. of Cases removed to Hospital from each Locality.							
	At all Ages.	At Ages $\frac{1}{2}$ —Years.					1	2	3	4	5	6	1	2	3	4	5	6	
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.													65 and upwards.
Small-pox ..	3				3	15	7	1	18	8	2	2	6	4	1			2	
Cholera ..	64		22	28	6	8													
Diphtheria ...	20	1	2	3		12	2		3		3	5	1	4			1	1	
Membranous Croup	67		17	41	8	1	2		16	22	9	16				14	8	9	
Erysipelas ...	17			5	2	9	1		4	1	4						1	2	
Scarlet Fever																			
Typhus Fever																			
Enteric Fever																			
Relapsing fever																			
Continued fever	1				1				1										
Puerperal fever																			
Plague *																			
Totals ..	172	1	41	77	17	33	26	12	43	31	18	42	7	6	32	18	11	26	

NOTES.—The localities adopted for this table should be the same as those in tables II. and IV.

State in space below the name of the isolation hospital, if any, to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. Mark (W) the locality in which a workhouse is situated.

* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Isolation Hospital: Ladywell Sanatorium, Salford, and Smallpox Hospital, Prestwich.

COUNTY OF LANCASTER.

TABLE IV.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1904.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the district.							Deaths at all ages of "Residents" belonging to Localities whether occur- ing in or beyond the dis- trict.						Total Deaths whether of "Residents" or "Non-Residents" in Public Institutions in the District.
	All ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and upwards.	Stretford Ward.	Longford Ward.	Talbot Ward.	Trafford Ward.	Cornbrook Ward.	Clifford Ward.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Smallpox...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ...	9	2	6	1	...	...	...	1	3	...	1	1	3	...
Scarlet Fever ...	3	...	3	...	...	...	...	...	...	...	2	...	1	...
Whooping Cough ...	7	2	5	...	...	...	...	...	1	2	2	...	2	...
Diphtheria and mem- braneous croup ...	10	...	6	3	...	1	...	3	1	2	1	...	3	1
Croup ...	...	...	...	...	...	...	...	...	1	...	...	...	...	...
Fever {	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Typhus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric ...	2	...	...	...	...	2	...	...	1	...	...	1	...	...
Other continued	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	2	...	...	...	...	2	...	...	1	1	...	...	...	...
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea (<i>See notes at back</i>) ...	13	11	1	...	...	1	...	6	1	1	1	1	3	...
Enteritis (<i>See notes at back</i>) ...	6	4	1	...	...	1	...	...	...	3	...	2	1	...
Puerperal Fever. (<i>See notes at back</i>) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	3	1	...	...	...	2	...	1	1	...	...	...	1	...
Other septic diseases...	2	...	1	...	1	...	...	...	...	2	...	...	...	...
Phthisis (Pulm. Tuber- culosis)...	23	...	1	...	2	20	...	4	2	5	5	3	4	...
Other tubercular diseases ...	12	4	3	2	1	2	...	4	1	2	2	1	2	...
Cancer malignant disease. <i>See notes at back</i>) ...	28	...	...	...	...	19	9	5	5	5	5	2	6	...
Bronchitis ...	35	8	2	1	...	5	19	5	2	9	10	5	4	...
Pneumonia ...	59	14	6	1	7	24	7	10	7	17	8	8	9	...
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other diseases of Res- piratory organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism ...	4	...	...	...	...	4	...	...	2	...	...	1	1	...
Cirrhosis of liver ...	10	...	...	...	...	9	1	2	1	2	2	...	3	...
Venereal diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Premature birth ...	9	9	...	...	...	...	...	1	...	6	2	...	...	...
Diseases and accidents of parturition ...	1	...	...	...	1	...	...	1	...	...	...	...	...	...
Heart diseases ...	48	2	...	2	2	21	2	6	6	4	9	10	13	...
Accidents ...	13	...	...	1	...	11	1	1	3	4	...	2	3	...
Suicides ...	4	...	...	...	2	2	...	1	...	...	1	2	...	...
Rheumatic Fever ...	3	...	...	...	1	2	...	...	1	1	1	...	...	...
												13		
All other causes ...	137	28	8	8	3	51	39	20	15	22	27	...	42	1
All causes ...	443	85	43	19	20	179	97	71	52	88	79	52	10	2

NOTES.—(a) In this table all deaths of “Residents” occurring in public institutions, whether within or without the district, are to be included with the other deaths in columns for the several age groups (columns 2-8). They are also in columns 9-15, to be included among the deaths in their respective “Localities” according to the previous addresses of the deceased as given by the Registrars. Deaths of “Non-residents” occurring in public institutions in the district are in like manner to be excluded from columns 2-8 and 9-15 of this table.

(b) See notes on Table I. as to the meaning of “Residents” and “Non-residents,” and as to the “Public Institutions” to be taken into account for the purpose of these tables. The “Localities” should be the same as those in tables II. and III.

(c) All deaths occurring in public institutions situated within the district, whether of “Residents” or of “Non-residents,” are, in addition to being dealt with as in note (a) to be entered in the last column of this table. The total number in this column should equal the figures for the year in column 9, table I.

(d) The total deaths in the several “Localities” in columns 9-15 of this table should equal those for the year in the same localities in table II., sub-columns c. The total deaths at all ages in column 2 of this table should equal the gross total of columns 9-15, and the figures for the year in column 12 of table I.

(e) (1) Under the heading of “Diarrhœa” are to be included deaths certified as from diarrhœa, alone, or in combination with some other cause of ill-defined nature; and also deaths certified as from : Epidemic enteritis; Zymotic enteritis; Epidemic diarrhœa; Summer diarrhœa; Dysentery and dysenteric diarrhœa; Choleraic diarrhœa, cholera, cholera nostras (in the absence of Asiatic cholera).

(2) Under the heading of “Enteritis” are to be included those certified as from Gastro-enteritis, Muco-enteritis, and Gastric catarrh, unless from information obtained by inquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term “Diarrhœa.”

(3) Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

(f) Under the headings of “Cancer” and “Puerperal Fever” should be included all registered deaths from causes comprised within these general terms.

In recording the facts under the various headings of tables I., II., III., and IV., attention has been given to the notes on the tables.

W. J. HESLOP,

Medical Officer of Health.

February 10th, 1905.

COUNTY OF LANCASTER.

FACTORIES, WORKSHOPS, LAUNDRIES, WORKPLACE AND HOMEWORK.

1.—INSPECTION.

Including Inspections made by Sanitary Inspectors

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories (Including Factory Laundries).	54	4	Nil.
Workshops (Including Workshop Laundries).	260	4	—
Workplaces	12	1	—
Homeworkers' Premises ...	—	—	—
Total	326	9	Nil.

FACTORIES, WORKSHOPS, LAUNDRIES,
WORKPLACE AND HOMEWORK.

2.—DEFECTS FOUND.

Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts:—*</i>				
Want of cleanliness	9	9		
Want of ventilation .. .	1	1		
Overcrowding	—	—		
Want of drainage of floors	1	1		
Other nuisances	3	3		
‡ Sanitary accommodations	{ insufficient	1	1	
	{ unsuitable or defective ...	2	2	
	{ not separate for sexes ..	1	1	
P.H.A. (A). A. 1890, Sec. 22 has been adopted.				
<i>Offences under the Factory and Workshop Act:—</i>				
Illegal occupation of underground bakehouse (S.101)	—	—		
Breach of special sanitary require- ments for bakehouses (S.S. 97 to 100)	—	—		
Failure as regard lists of outwork- ers (S. 107)	—	—		
Giving out work } unwholesome S. 108) to be done } in premises } which are } infected (S. 110)	—	—		
	—	—		
Allowing wearing apparel to be made in premises infected by scarlet fever or small-pox (S. 109).	—	—		
Other offences	—	—		
Total	18	18	Nil.	Nil.

* Including those specified in Sections 2, 3, 7, and 8, of the Factory Act as remediable under the Public Health Acts.

‡ State here whether Section 22 of the Public Health Acts Amendment Act, 1890, has been adopted by the district Council; and if so, what standard of efficiency and suitability of sanitary accommodation for persons employed in factories and workshops has been enforced.

**FACTORIES, WORKSHOPS, LAUNDRIES
WORKPLACES AND HOMEWORK.**

(3) OTHER MATTERS.	
Class.	Number.
Underground Bakehouses (S. 101) :—	
In use in 1903	9
Certificates granted in 1903	Nil.
Certificates granted in 1904	4
In use at the end of 1904	4 ^a
Homework :—	
Lists of Outworkers * (S. 107) :—	
Lists received	Number of
	Lists. Outworkers.
Lists received	2 47
Addresses of outworkers forwarded to other Authorities	—
Addresses of outworkers received from other Authorities	36
Homework in unwholesome or infected premises :—	
Notices prohibiting homework in unwholesome premises (S. 108) ...	Wearing Other.
Cases of infectious disease notified in homeworkers' premises ...	Apparel. Nil.
Orders prohibiting homework in infected premises (S. 110) ...	Nil. Nil.
	” ”
	” ”
Workshops on the Register (S. 131) at the end of 1904 :—	
Workshop Bakehouses	24
Joiners and Cabinet Makers	10
Tailors	7
Boot-repairing	11
Plumbing	10
Laundries	1
Milliners and Dressmakers	21
Other Workshops	24
Total number of workshops on Register..	108

* The Lists should be received twice a year. The year's figures required in the Table are then obtained by adding together the two half-yearly totals.

TABLE C.
COUNTY OF LANCASTER.

SUMMARY OF MEDICAL OFFICER'S REPORT FOR 1904.

URBAN SANITARY DISTRICT OF STRETFORD.

Area in Statute Acres, 3,239½. Population (Census 1901), 30,436.
Population (estimated 1904), 34,060.

Name of Medical Officer of Health :—
WILLIAM JOHN HESLOP, F.R.C.S.,Ed. Salary, £150.

Births registered : Male, 253 ; Female, 389. Total, 742.

Deaths registered (nett deaths belonging to the district) :—
Male, 225 ; Female, 218. Total, 443.

Number of Illegitimate Births registered —.

Illegitimate Deaths under one year of age —.

Birth-rate, 21.7 Death-rate, 13.0. Rate of Infant Deaths
under one year, to 1,000 Births, 114.5.

Death-rate from the *seven principal Zymotic Diseases per
1,000 of population, 1.6.

Diseases prevalent ?—Diphtheria. Period ?—May, June, July,
and December.

What action taken ?—Ordinary precautions. Any Schools
closed ?—One. If so, for what Disease ?—Diphtheria.

What is the character of the Hospital accommodation ?—Good

Is it joint or otherwise ?—Accommodated by the Salford
Corporation ; retaining fee is paid.

Number of beds available for the district ?—30.

Number of cases treated ?—Smallpox 3 ; Diphtheria 40 ; Scarlet
Fever 48 ; Typhoid Fever 5 ; Erysipelas, 3 ; Puerperal Fever, 1
Total, 100.

Deaths in Hospital ?—10. From what causes ?—Scarlet Fever.

How is Disinfection carried out?—Houses So/2 and with Formalin Lamps. Clothing, Bedding, &c. : Steam apparatus. Apparatus used : Lyons Patent.

Number of cases of Infectious Disease notified?—172.

Are any Diseases not specifically mentioned in the Act notifiable (for instance, Measles, Whooping Cough, Diarrhoea, Chicken Pox, &c.)?—If so, what are they?—No.

Has any arrangement been made for the “voluntary” notification of Phthisis?—Medical profession circularised that the Council is desirous of disinfecting after all cases.

Has any action been taken under the Housing of the Working Classes Acts?—No.

How many houses condemned as unfit for human habitation, and how many closed or demolished?—None.

From where is the Water Supply obtained, and what is its condition?—Manchester Waterworks. Good. Is it subject to your inspection?—No.

Is Scavenging carried out satisfactorily?—Yes. By Sanitary Authority or Contract?—By Sanitary Authority.

How is the Resuse disposed of?—About three-fifths by a Refuse Destructor ; the remainder at a Tip out in the country.

What is the character Drainage and the form of Sewage Disposal?—Good.

What is the condition of Bakehouses?—Satisfactory.

Slaughter-houses?—Satisfactory.

Lodging-houses? Are they registered?—None in the district.

Daries, Cowsheads and Milkshops.

Are they periodically inspected?—Yes. What is their condition?—Satisfactory. Are they subject to Regulations made under the Order of the Local Government Board?—Yes. What amount of air space in cubic feet is required for each cow?—800 for new and 600 cubic feet for old cowsheds.

Food unfit for human consumption : Amount seized?—About 13,960 lbs. of beef and mutton.

Any special report of Medical Officer of Health during the year?—No.

Department of Inspector of Nuisances : No. of Notices served, 275 ; No. of nuisances remedied, about 750 ; No. Legal proceedings taken and result, none.

Smoke :—No. of observations, 192 ; No. of Legal proceedings taken and result, 13, fines and costs amounting to £17 0s. What is the time limit allowed for the emission of black smoke per hour ?—4 minutes.

Has the Authority adopted (a) “ The Infectious Disease (Prevention) Act, 1890 ?—Yes. (b) “ The Public Health Acts Amendment Act, 1890 ” ?—Yes.

* Smallpox ; Scarlet Fever ; Diphtheria and Membranous Croup ; Fever—Typhus, Typhoid, and Continued ; Measles ; Whooping Cough and Diarrhœa.

If you have the Joint use of Isolation Hospital belonging to neighbouring ! Authority state nature of agreement. Is any Retaining Fee paid ?

The Urban District Council of Stretford.

Sanitary and Hackney Coach Departments.

ANNUAL REPORT OF THE Inspector of Nuisances

FOR THE
YEAR ENDED DECEMBER 31st, 1904.

*To the Chairman and Councillors of the Sanitary and
Hackney Coach Committee.*

GENTLEMEN,

I have pleasure in submitting for your consideration my Tenth Annual Report of the work done in the Sanitary, Hackney Coach, and Cleansing Departments during the year ended December 31st, 1904.

The staff of the Sanitary Department has been fully occupied during the year in making inspections (on receipt of complaint) in removing nuisances found to exist, in superintending work found to be necessary to render houses and premises free from nuisances, which could be dealt with under the provisions of the Public Health Acts, or your Council's bye-laws.

The books of the Sanitary Department, in which are recorded the details of Inspections, &c., being at all reasonable times open to perusal by any member of the Council. I have not included such matter in this Report.

By classifying under their respective headings the work done in each of the departments under my supervision, comparisons can be made with similar statements detailed in previous Annual Reports.

The County Police have been very energetic during the year in taking samples under the Food and Drugs Acts within the Stretford area, and in this direction they have submitted 85 samples for analysis by the County Analyst, details of which will be found under the heading of "Samples purchased by County Police."

In the abatement of nuisances, inquiring into cases of infectious disease, and in generally carrying out the many and varied duties devolving upon the Sanitary Department, much useful work has been performed, although 224 formal and 51 legal notices have been served during the year for various causes, it is pleasing to record (with the exception of those relating to Smoke Nuisances) that it has not been necessary to take summary proceedings against any owner or occupier.

The following summary shows, to some extent, the work done during the year 1904.

SUMMARY OF WORK DONE FROM JANUARY 1ST TO DECEMBER 31ST, 1904.

HEALTH DEPARTMENT.

Formal notices served	...	...	...	224
Legal	...	...	...	51
Visits in respect of notices served and work in progress	...	...	...	1073
Houses dealt with for various causes	...	...	...	242
Drains tested— Old Property	...	..	...	552
Sanitary fittings tested—Old Property	...	...	...	146
Drains tested—New Property	...	...	...	899
Sanitary fittings tested—New Property	...	...	...	320
Foul privies abolished	...	...	...	249
„ Ashpits	...	..	...	133
Intercepting taps provided to drains	...	...	...	33
Ventilating shafts provided at head of drains	...	...	...	50
Private Drainage—6-inch pipes (new) 144 feet				
„ „ 4-inch „ „ 66 feet				
Automatic closets repaired	..	...	...	59

INFECTIOUS CASES.

Infectious diseases reported	..	..	172
Patients removed to Hospital	..	...	100
Rooms fumigated	..	...	302
„ stripped and washed	..	..	93

Articles disinfected	..	...	...	1594
Schools fumigated	...	...	...	117
Visits in respect of infectious disease	...	...	...	806
Certificates sent to Schools	...	...	...	83

SLAUGHTER-HOUSES, COWSHEDS, AND MILKSHOPS.

Visits to cowsheds, dairies, and milkshops	...	502
Additional cowsheds provided	...	2
Notices <i>re</i> cowsheds	...	5
Visits to slaughter-houses	...	288
„ Mode Wheel Lairages	...	320
Meat destroyed, about	{ Beef 11,960 Mutton 1,980 }	13,940 lbs.
Deceased and unsound offals destroyed	...	2,261

CLEANSING DEPARTMENT.

Wet pits emptied	...	5,110	
Dry ashplaces emptied	...	20,905	
Dust bins emptied	...	205,772	
			231,787
Loads removed from wet pits	..	1,555	
„ „ „ dry ashplaces		3,687	
„ „ „ dust bins	...	4,033	
Loads removed of clinkers	...	216	
			9,491
Applications to remove refuse	...		230
Loads tipped at the Destructor	...		5,098

HACKNEY COACH DEPARTMENT.

Cricket ground licenses	...	77
Hackney coach licenses	...	31
Omnibus licenses	...	14
Tramcar licenses	...	82
Hackney carriage drivers' licenses		36
Omnibus drivers' licenses	...	180
Omnibus conductors' licenses	...	182

OTHER LICENSES.

Petroleum licenses	...	14	
Slaughterhouse licenses	...	8	
Game licenses	...	2	
Provisional licenses	...	6	
Provisional repair licenses	...	7	
			639

Licenses refused	...	...	...	1
Articles left in cabs	...	...	...	5
Attendance at cricket ground	...	...	...	38
Attendance at Botanical Gardens	...	...	...	24
				<hr/>
				68
				<hr/>

MISCELLANEOUS.

Complaints attended to	...	...	207
Samples of food and drugs submitted for analysis	...	...	69
Samples of water submitted for analysis	...	...	2
Proceedings under the Public Health Act	...	...	15
Proceedings under the Town's Police Clauses Act	...	...	22
Smoke observations taken	...	...	192
Accumulations of manure removed after notice	...	...	13
Overcrowding of bedrooms	...	...	2
Accumulation of fish offal	...	...	7
Dirty sanitary conveniences	...	...	8
„ Bedrooms	...	...	2

FACTORY AND WORKSHOPS ACT.

Bakehouses cleansed and limewashed	...	...	2
Drain removed from inside bakehouse	...	...	1
Cellar bakehouses closed	...	...	6
Bakehouses insufficiently ventilated	...	...	3
Defective drain in yard of bakehouse	...	...	1
Visits to bakehouses	...	...	131
„ jam works	...	...	31
„ box works	...	...	2
„ laundries	...	...	7
„ dressmakers, etc.	...	...	25
„ cabinet works	...	...	2
„ various classes of workshops	...	...	43
Visits to boot and shoe repairing works	...	...	21
„ Confectionery workshops	...	...	5
„ Joiners' workshops	...	...	3
„ Tailors' workshops	...	...	1
„ Plumbers' workshops	...	...	9

Visits to Sausage making workshops	...	44
Defective sanitary conveniences attended to	..	4
Dirty waterclosets cleansed	... ..	3
New w.c.'s to factory	... ..	2
Dirty condition of shoemaking workshops	...	2
Choked bakehouse drain	... ..	1
Foul condition of bakehouse w.c.'s	..	4

INFECTIOUS DISEASES.

TABLE SHOWING NUMBER OF INFECTIOUS CASES DEALT WITH MONTHLY.

Month.	Scarlet Fever.		Typhoid Fever.		Diphtheria.		Erysipelas.		Membraneous Group.	Smallpox.	Measles.	Puerperal Fever.	Continued Fever.	Total.	Removed to Hospital.	
January..	1	1	2		3		2	¹	...	2	²	...	...	10	4
February.	2	1	1		3	1	1		...	...	...	...	...	7	2
March	9	6	1		4	3	1	¹	...	...	...	...	...	15	10
April	7	7	3		4	2	1		...	...	...	...	...	15	9
May	7	4	1		9	7	2		...	...	...	...	...	19	11
June	6	5	1	1	6	4	1		...	...	...	..	...	14	10
July	10	8	2	2	11	9	2	¹	...	1	¹	...	1	¹	27	22
August ...	5	4	1	1	3	2	2		...	...	...	...	...	11	7
September	...		2		3	2	3		...	...	...	...	...	8	2
October ...	6	4	1	1	2	1	2		...	...	...	...	...	11	6
November	10	5	1		5	2	...		...	...	..	...	...	16	7
December	4	3	1		11	7	3		...	...	...	..	...	19	10
Total 1904	67	^{*48}	17	^{*5}	64	^{*40}	20	³	...	3 ^{*3}	...	1 ^{*1}	...	172	100	
1903	89	^{*19}	14	^{*5}	37	22			...	13 ^{*13}	...	1	2	^{*1}	178	85

*Removed to Hospital.

It will be seen from the above statement that 172 cases of infectious disease have been notified during the year, each case has been inquired into by your Inspectors, and the result form (duly filled up) handed to your Medical Officer of Health.

During the year under review 100 patients have been removed to Infectious Diseases Hospitals, viz., to Ladywell Sanatorium 97, to Smallpox Hospital 3.

I estimate the number of inquiries and subsequent visits made in respect of the above diseases to be 806, as against 759 for the year 1903.

There has always been forwarded to the various schoolmaster, 83 certificates in respect of children being absent from schools due to infectious disease.

DISINFECTION OF BEDDING, &c.

MONTHLY TABLE SHOWING NUMBER OF ARTICLES
DISINFECTED.

Month.	Beds.	Blankets.	Sheets.	Pillows.	Bolsters.	Quilts.	Shawls.	Mattresses.	Mattresses Destroyed	Skirts.	Carpets.	Rugs.	Cloaks.	Shirts.	Sundries.	Total.	Army Clothing.
January	13	26	32	30	18	13	5	...	1	..	3	10	2	4	81	238	...
February	9	16	20	15	8	12	...	...	...	...	3	4	1	3	28	119	...
March	5	7	9	12	5	6	2	...	...	...	1	3	1	...	17	68	...
April	21	41	27	34	17	30	..	...	...	2	...	..	...	1	26	199	...
May	7	12	11	14	3	10	...	2	...	1	..	1	...	...	2	63	...
June	18	25	24	41	16	29	...	6	...	...	...	3	..	2	41	205	...
July	21	49	30	39	17	28	..	7	...	..	...	2	...	1	27	221	...
August	9	16	10	17	8	13	...	1	...	...	...	5	...	...	7	86	...
September ...	14	21	16	...	11	15	...	2	...	1	1	4	...	2	14	122	...
October	5	...	...	20	4	3	...	3	1	...	...	..	...	...	2	38	...
November	10	8	..	18	5	12	1	2	1	...	...	1	...	...	8	76	...
December ...	16	23	26	18	12	17	...	...	...	2	...	5	...	...	40	159	...
Total 1904	148	244	205	289	124	188	8	23	3	6	8	38	4	13	293	1594	...
Total 1903	135	155	202	245	105	127	37	36	17	15	30	49	30	23	338	1544	2600

The steam disinfector has again proved its usefulness during the year under consideration, if reference be made to the above table it will be seen that 1,594 articles have been disinfected and returned to the owner free of cost or damage. That so large a number of articles have been returned to the respective owners without complaint is testimony of the care exercised in disinfecting.

TABLE SHOWING NUMBER OF ROOMS FUMIGATED, AND THE
NUMBER STRIPPED AND WASHED EACH MONTH.

Month.	Scarlet Fever.	Typhoid Fever.	Diphtheria.	Erysipelas.	Membranous Croup.	Cancer.	Phthisis.	Puerperal Fever.	Filth.	Schoolrooms.	Smallpox.	TOTAL.	
January ...	8 6	2	3	...	...	...	2	...	...	50	23 23	88	28
February	5 6	1	2	...	...	.	...	...	...	...	...	8	6
March ...	2 2	1	1	...	...	...	...	...	...	...	...	4	2
April	13 13	2	6	...	...	...	...	...	...	...	...	21	17
May	4 4	2	...	...	...	...	...	...	...	...	...	6	4
June	6 6	5	9	...	...	...	...	...	...	...	...	20	6
July	11 11	2	10	...	...	...	...	1	7	...	1 1	32	12
August ...	4 4	...	6	...	...	...	...	...	4	51	...	65	4
September	5	1	2	...	...	1	1	...	...	...	...	10	6
October ...	.....	2	...	1	...	...	...	...	...	...	...	3	
November	4 4	1	5	...	...	...	1	...	...	8	...	19	4
December	10 10	1	6	...	...	...	1	...	...	8	...	26	10
Total	72 69*	20	50	1	...	1	5	1	11	117	24 24*	302	97*

*Stripped and Washed.

The above table shows the number of rooms fumigated during the year to be 302, as against 236 for 1903.

97 Rooms have been stripped and washed by your sanitary staff, and the free distribution of disinfecting powder and fluid has been continued ; but I would point out that a much larger quantity of fluid has been used by reason of the schools being supplied from the sanitary department.

TABLE SHOWING THE NUMBER OF TIMES THE HORSE
AMBULANCE HAS BEEN USED EACH MONTH.

MONTH.	Person Removed					Cause of Removal		Total.
	To Manchester Infirmary	To Salford Hospital	Union Hospital	To a Private Hospital	Home	Accid'nt	Invalid	
January ...	6	1	1	...	...	7	1	8
February	2	...	...	...	2	2	2	4
March .....	...	1	...	...	...	1	...	1
April	4	1	...	1	...	2	4	6
May	2	...	...	...	2	3	1	4
June .....	...	3	1	...	1	5	...	5
July	2	1	1	...	...	2	2	4
August ...	...	1	...	...	...	1	...	1
Sept'mber	2	2	...	...	1	4	1	5
October ...	3	2	...	...	...	4	1	5
November	2	...	...	...	3	3	2	5
December	3	2	1	...	...	2	4	6
Total 1904	26	14	4	1	9	36	18	54
Total 1903	10	8	...	10	4	15	17	32

To Mr. Superintendent Keys, of the County Police, your Council is much indebted for the valuable services rendered by him and the constables under his supervision on every occasion the ambulance has been required.

FOOD AND DRUGS ACT.

SAMPLES SUBMITTED TO COUNTY ANALYST DURING 1904.

Number.	Kind of Sample.	Genuine.	Poor or Doubtful.	Adulterated or Below Standard.	Polluted.
42	Milk	37	2	3	
2	Ground Ginger	2			
3	Whisky	3			
4	Butter	4			
1	Lard	1			
1	Coffee	1			
9	White Pepper	9			
1	Strawberry Jam	1			
1	Raw Sugar	1			
1	Malt Vinegar	1			
2	Sweets	2			
2	Margarine	2			
69		64	2	3	
2	Water				2

From the above statement it will be seen that your Council has submitted 69 samples of food and 2 of water to the County Analyst during the year under review.

64 of the samples are certified to be genuine, 2 of a poor or doubtful quality, and 3 below the standard fixed by the Board of Agriculture. Both samples of water were certified to be unfit for domestic use.

Your Medical Officer of Health having estimated the population for the year 1905 to be 38,750, it will (in order to comply with the requirements of the County Council) be necessary for 77 samples to be obtained during the year for the purpose of analysis. I shall be pleased to receive your instructions to purchase such samples.

Notices have been served upon the owners of the two wells to discontinue to allow such water to be used for domestic purposes.

STATEMENT OF SAMPLES PURCHASED IN THE
DISTRICT BY THE COUNTY POLICE.

No. of Samples taken.	Kind of Sample.	Genuine.	Adulter- ated.	Amount of Fine.			Remarks.
				£	s.	d.	
67	Milk	67					
4	Beer	4					
1	Whisky	1					
10	Butter	10					
2	Pepper	2					
1	Bread.....	1					
85		85					

The above statement (furnished by Mr. Superintendent Keys) shows that within the district of Stretford the County Authorities have during 1904 submitted to the County Analyst 85 samples of food and spirits, all of which he certified to be genuine.

Added to those obtained by your Inspector 154 samples have been analysed from your district during the year under consideration, and is equal to a little over $4\frac{1}{2}$ samples per 1,000 of the population.

Excepting the five samples of milk certified to be of a poor or doubtful quality, the remaining 149 are genuine. Such results, I feel sure, will be very gratifying to your Council.

TESTING OF DRAINS AND SANITARY FITTINGS.

TABLE SHOWING THE NUMBER OF DRAINS AND SANITARY
FITTINGS TESTED MONTHLY IN OLD AND NEW
PROPERTY.

Month.	Old Property.				New Property.			
	Drains.		Fittings.		Drains.		Fittings.	
	Tested.	Defects.	Tested.	Defects.	Tested.	Defects.	Tested.	Defects.
January	18	5	10	5	60	19	9	4
February	18	14	0	0	63	12	25	13
March	23	16	2	0	34	11	22	13
April	79	26	6	3	89	39	15	4
May	73	25	12	7	42	17	35	25
June	29	18	8	8	55	25	35	23
July	63	16	4	3	86	45	38	11
August	58	26	8	5	92	30	23	9
September	64	36	24	13	100	53	40	30
October	28	18	28	17	101	62	25	21
November	54	34	31	18	83	47	9	4
December	45	15	13	8	94	39	44	14
Total, 1904	552	249	146	87	899	399	320	171
Total, 1903	574	212	64	30	826	257	246	89

That much good work has been done during the year in the testing of drains and sanitary fittings of Old and New properties is demonstrated by the above statement.

Where possible the hydraulic test is applied, and is considered the most reliable one to disclose not only defective workmanship but also defects in materials which would not otherwise be detected.

OLD PROPERTY.

During the year 1904, 552 tests have been applied to the drains of old property disclosing 249 defects, and which would otherwise have remained a constant source of danger to health.

That 45 per cent. of the drains tested showed defects demonstrates the necessity of power being given to Local Authorities to prohibit any person from taking up or laying down drains in connection with dwelling-houses, &c., unless he has first been registered as an authorised drainer within the district, and even then *he* shall give notice to the Authority before commencing to disturb any drains.

In connection with the same class of property, 87 defects were disclosed on testing 146 sanitary fittings. This shows that 60 per cent. of such fittings would have remained a danger to health had not the test been applied.

NEW PROPERTY.

In connection with new property much useful work has been done by your sanitary staff during the year under review. If reference be made to the above statement it will be seen that 899 tests have been applied to drains of such property, disclosing 399 defects, which is equal to 44 per cent. of those tested ; also during the same period and belonging to the same class of property 171 defects were disclosed by 320 tests applied to sanitary fittings, and which, had no test been made, 53 per cent. of the fittings put in would have been a danger to health.

SMOKE OBSERVATIONS.

Increased energy has been exercised during the year under review to keep within reasonable limits the constant recurring nuisance arising from chimneys (other than those of private dwelling-houses) sending forth black smoke in such quantity as to be a nuisance.

The observations taken during the year number 192, against 97 or 1903. In 1904, three firms were summoned for fifteen offences, viz. : neglecting to comply with an order of the Court, and one firm has had an order with costs made against them.

The 192 observations taken have been in respect of 39 firms, with an aggregate of 466 minutes of black smoke emitted, and which is equal to 2 minutes 25 seconds for each observation. The average for 1903 was 3 minutes.

Of the observations taken, the time limit (4 minutes in the hour) has been exceeded 27 times during the year and on each occasion the offending firm has been notified of such offence.

CLEANSING DEPARTMENT.

TABLE SHOWING THE NUMBER OF REFUSE RECEPTACLES
IN EACH WARD, DECEMBER 31st, 1904.

Ward.	Wet Pits.		Dry Pits		Dust Bins.	Total.
	Double.	Single.	Double.	Single.		
Stretford	65	77	146	80	652	1029
Longford	40	55	77	76	210	455
Talbot	7	51	99	121	1245	1523
Trafford	88	37	283	134	1118	1655
Cornbrook	26	43	85	160	365	686
Clifford	45	13	373	172	547	1150
Total, 1904 .	271	276	1063	743	4137	6493
Total, 1903.....	387	293	1069	777	3541	6067

The year under consideration has seen a further reduction in the number of privy conveniences ; the dry ashpits are about the same as in 1903, whilst the dust-bins show an increase of 596.

Over 4,000 dust-bins are emptied weekly, and to efficiently carry out this work (without delaying attention to other conveniences) another cart is necessary. I trust you will give this your early consideration.

STATEMENT SHOWING THE NUMBER OF WET PITS IN
EACH WARD YET REQUIRING TO BE CONVERTED,
DECEMBER 31st, 1904.

Ward.	Double Wet Pits.	Not Required to be Converted	Nett Number Requiring to be Converted	Single Wet Pits.	Not Required to be Converted	Nett Number Requiring to be Converted	Total yet to be Converted
Stretford ...	65	17	48	77	36	41	89
Longford ...	40	21	9	55	24	31	50
Talbot ...	7	3	4	51	37	14	18
Trafford ...	88	36	52	37	23	14	66
Cornbrook .	26	3	23	43	22	21	44
Clifford ...	45	2	43	13	2	11	54
Total	271	82	189	276	144	132	321

In 1902 your Committee requested a similar statement to the above to be recorded in my Annual Report for that year which, if compared with the above, the rate of progress in the abolition of privies can be ascertained.

There are in the district 818 privies, but of that number 308 are not used for any purpose other than as receptacles for domestic refuse, consequently are not on the list for immediate abolition,

TABLE SHOWING NUMBER OF APPLICATIONS TO
EMPTY ASHPITS (FROM EACH WARD).

Month.	Stretford	Longford.	Talbot.	Trafford.	Cornbrook.	Clifford.	Total per Month.
January	4	1	5	5	...	...	15
February... ..	1	5	4	8	8	3	29
March..	2	1	2	3	4	2	14
April	2	3	6	14	9	4	38
May	3	...	3	10	5	...	21
June	5	2	9	10	11	3	40
July	6	...	3	6	5	5	25
August	7	1	4	1	2	3	18
September ...	3	2	...	1	...	1	7
October	1	...	3	...	3	...	7
November ...	1	4	...	1	3	2	11
December... ..	1	...	...	2	2	...	5
Total, 1904 ...	36	19	39	61	52	23	230
Total, 1903 ..	41	25	35	71	56	34	262

The district is still cleansed on the block system, and continues to give every satisfaction, though the applications for the removal of domestic refuse is only 32 less than the preceeding year ; I would suggest that the number of houses are larger than they were in 1903.

It will no doubt be of interest to the members of the Council to know that in 1891 there were in the district 4,418 houses (no mention is made of works), and during that year 5,352 applications were received requesting the removal of domestic refuse, &c., yet, in the middle of the year 1904, with 6,867 houses, only 230 such requests have been made. Such satisfactory results are attributable to the block system of cleansing the district. It may be added that many of the applications received during 1904 are from houses and works which can only be emptied by arrangement.

TABLE SHOWING NUMBER OF RECEPTACLES EMPTIED
EACH MONTH.

Month.	Wet Pits.	Dry Pits.	Sanitary Dust Bins.	Total Emptied.
January... ..	437	1406	17861	19704
February... ..	319	1423	14527	16269
March... ..	388	1540	13958	15886
April... ..	416	1545	18827	20788
May... ..	366	1159	15214	16739
June... ..	488	1450	19657	21595
July... ..	446	1596	15711	17753
August... ..	389	2089	15964	18442
September... ..	498	2256	20232	23077
October... ..	393	2152	16147	18692
November... ..	442	1922	16697	19061
December... ..	528	2367	20886	23781
Total 1904... ..	5110	20905	205772	231787
Total, 1903... ..	6251	20466	161986	188703

The above statement shows that during the year being reported upon 231,787 refuse receptacles have been emptied, against 188,703, an increase of 43,084.

As will be seen from the above, 43,787 more sanitary dust-bins have been emptied during 1904 than were so treated in 1903.

TABLE SHOWING NUMBER OF LOADS OF NIGHTSOIL
ASHES, CLINKERS, &c. REMOVED MONTHLY.

Month.	Number of Loads Removed from,				Clinkers.	Total Loads Removed.
	Wet Pits.		Dry Pits.	Dust Bins.		
	Night-soil.	Rub-bish.				
January ...	62	78	322	357	4	823
February ...	52	61	307	302	3	725
March ...	51	76	312	297	12	748
April ...	60	87	250	378	9	884
May ...	50	70	291	313	7	731
June ...	63	78	366	377	9	893
July ...	43	78	292	307	36	756
August ...	36	49	286	312	15	698
September ...	43	80	238	379	2	842
October ...	42	68	252	305	14	681
November ...	57	84	266	312	57	776
December ...	105	82	305	394	48	934
Total, 1904...	664	891	3687	4033	216	9491

The above statement shows the number of loads (9491) of refuse removed during 1904. The loads from dust-bins show an increase of 936 on the year 1903. The increase of loads from dust-bins I attribute to the conversion of privies to water-closets and increase of new property.

TABLE SHOWING WHERE LOADS OF NIGHTSOIL,
CLINKERS, REFUSE, BRICK BATS, FLUE DUST, &c, HAVE
BEEN TIPPED EACH MONTH.

NIGHTSOIL, ASHES, &c.								CLINKERS, FLUEDUST & BRICKBATS, &c					
Month.	Stott's.	Lowe's.	Dawson's	Humphrey St.	Destructor.	Trafford Park.	Total.	Lowes. C.	Lowes. B.B.	Trafford Park	Sundries	Total	Grand Total
January ...	62	275	...	2	442	56	819	..	4	...	...	4	823
February ...	52	227	...	...	399	44	722		3	...	...	3	725
March ...	51	237	...	...	404	44	736	5	1	...	6	12	748
April ...	60	261	45	...	475	34	875	...	5	...	4	9	884
May... ..	50	231	15	...	389	39	724		4	...	3	7	731
June ...	63	288	5	...	476	52	884	...	5	...	4	9	893
July ...	43	235	..	...	396	46	720	11	4	...	21	36	756
August ...	36	207	...	...	396	41	683	6	1	...	8	15	698
September ...	43	268	...	...	480	49	840	7	...	...	2	2	842
October ...	42	223	...	...	339	63	667	12	2	...	..	14	681
November...	57	219		...	399	44	719	3	...	40	14	57	776
December...	105	242	...	...	484	55	886		5	...	43	48	934
Total ...	664	2895	65	2	5079	570	9275	37	34	40	105	216	9491

The above statement will inform your Committee where the refuse of the district has been deposited during the year.

The contents of privies east of Great Stone are deposited on land at Firs Farm, Seymour Grove, whilst all the dry refuse is dealt with at the Destructor, Empress Street.

The refuse west of great stone is taken to Lowe's tip, Park Road, Stretford.

DESTRUCTOR WORKS.

TABLE SHOWING THE NUMBER OF LOADS DEALT WITH
MONTHLY AT THE DESTRUCTOR WORKS.

Month.	Loads Tipped	Assumed Weight								
		Per Load.			Tipped.			Destroyed.			Destroyed per cell per 12 hours.
		T. C. Q.	T. C. Q.	T. C. Q.	T. C. Q.	T. C. Q.	T. C. Q.			
January	447	1 6 0	581 2 0	581 2 0	8 19 2					
February... ..	399	1 6 0	518 14 0	518 14 0	9 4 1					
March	405	1 6 0	526 10 0	526 10 0	9 7 3					
April	472	1 6 0	613 12 0	613 12 0	9 1 3					
May	390	1 6 0	507 0 0	507 0 0	9 0 0					
June	479	1 6 0	622 14 0	622 14 0	9 4 2					
July	398	1 6 0	517 8 0	517 8 0	9 4 0					
August	395	1 6 0	513 10 0	513 10 0	9 4 2					
September ...	485	1 6 0	630 10 0	630 10 0	9 1					
October	345	1 6 0	448 10 0	448 10 0	8 17 2					
November ...	399	1 6 0	518 14 0	518 14 0	9 4 2					
December ..	484	1 6 0	629 4 0	629 4 0	8 18 3					
Total, 1904 ..	*5098	1 6 0	6627 8 0	6627 8 0	† 9 2 1					
Total, 1903 ...	4897	1 6 0	6366 2 0	6366 2 0	† 8 19 0					

† Average for 12 months.

*19 Loads tipped by Highway Carts.

The statement above shows that 5098 loads have been dealt with at the Destructor Works during the year under consideration. Assuming that each load weighs 26 cwts., 6,627 tons of refuse have passed through the Empress Street Works, an increase of 261 tons.

The average consumption per cell for 12 hours' working is slightly more than the year 1903.

The above statement does not include trade refuse brought to the depot by greengrocers, &c., and which I estimate to be 105 tons. Your Committee will no doubt agree that it is more conducive to health for such refuse to be dealt with at the Destructor than it should, perhaps for days, remain on the tradesmen's premises.

MODE WHEEL LAIRAGES AND SLAUGHTER-HOUSES.

TABLE SHOWING MONTHLY THE NUMBER OF VISITS TO SLAUGHTER-HOUSES, ALSO THE NUMBER OF CATTLE AND SHEEP SLAUGHTERED AT THE LAIRAGES.

Month.	Visits to Slaughter-Houses.	Slaughtered at the Lairages.		Condemned and Destroyed.										Estimated Value			
		Cattle	Sheep.	Cattle	Sheep.	Immature Calves	Diseased or Unsound.						Sun-dries	£	s.	d.	
							T'ng's	H'rts	Livers	Lungs	Heads	Skirts					Offal
January ...	7	2580	...	4	1	...	...	2	27	9	9	6	51	5	75	0	0
February ..	15	1845	1368	2	2	2	...	...	32	8	4	4	35	13	47	0	0
March ...	24	2426	1185	...	4	2	...	...	22	7	4	1	62	30	17	0	0
April ..	25	2130	...	1	...	1	4	4	31	6	1	3	34	121	25	0	0
May ...	27	2812	1198	...	...	...	2	1	18	3	3	1	9	44	12	0	0
June ...	24	1953	145	...	...	1	...	1	34	3	1	2	7	5	16	0	0
July ...	21	2674	815	...	...	1	4	4	39	5	3	4	67	77	16	0	0
August ...	25	1943	1046	7	1	1	1	2	26	4	1	3	79	101	148	0	0
September	31	3624	1222	1	...	1	2	1	46	6	3	2	2	287	37	0	0
October ...	27	3220	695	1	..	2	3	1	34	1	3	1	1	7	27	0	0
November	32	2182	1611	2	25	1	...	3	23	4	7	5	222	9	103	0	0
December	30	2807	3290	200lbs	...	4	...	1	56	122	...	3	...	292	33	0	0
Total, 1904	288	30196	12575	11960 lbs.	1980 lbs.	16	16	29	388	178	39	35	569	991	556	0	0
Total, 1903	119	22916	13880	8400 lbs.	1380 lbs.	13	...	...	...	...	...	...	...	...	...	...	..

The above statement shows that at the Foreign Animals' Wharf 30,196 beasts and 12,575 sheep have been slaughtered during 1904, an increase on the preceeding year of nearly 8,000 head of cattle, and a decrease of over 1,300 sheep.

Very careful attention is paid to the inspection of the meat, and especially so to the organs and offal ; (see statement above).

Your Council having an officer (with a private office) for duty at the Foreign Animal's Wharf, it may be said that the carcasses of all animals slaughtered at the above wharf are inspected by your Inspector prior to leaving the premises and being placed on the market for human food.

During the year under review your Inspectors have condemned as unfit for food of man 11,960 pounds of beef, 198 pounds of mutton, and (excluding the organs and offal) of an approximate value of £556.

It will be seen by the statement that the liver is the organ most frequently found to be diseased or unsound.

HACKNEY CARRIAGE DEPARTMENT.

TABLE SHOWING NUMBER OF LICENCES GRANTED FROM JANUARY 1ST TO
DECEMBER 31ST 1904.

Class of Licence.	1904 No Issued	Rate.	Amount Received.		1903 No. Issued	Rate.		Amount Received.		Increase.	Decrease.	
			£	s. d.		s. d.	s. d.	£	s. d.		£	s. d.
Cricket Ground	77	s. 5 0	19	5 0	146	s. 5 0	36	10 0	...	...	17	5 0
Hackney Coach	31	s. 5 0	7	15 0	32	s. 5 0	8	0 0	...	...	0	5 0
Omnibus	14	s. 5 0	3	10 0	41	s. 5 0	10	5 0	...	...	6	15 0
Tramcar	82	s. 1 0	4	2 0	54	s. 1 0	2	14 0	1 8 0	...	...	...
Hackney Drivers	36	s. 1 0	1	16 0	43	s. 1 0	2	3 0	...	...	0	7 0
Omnibus Drivers	4	s. 3 0	12	0 0	19	s. 3 0	2	17 0	...	...	2	5 0
	176	s. 1 0	8	16 0	112	s. 1 0	5	12 0	3 4 0	...	3	...
" Conductors	6	s. 3 0	18	0 0	27	s. 3 0	4	1 0	...	...	...	...
	176	s. 1 0	8	16 0	114	s. 1 0	5	14 0	3 2 0	...	3	3 0
Other Licences—												
Petroleum Licences	13	s. 2 6	1	12 6	12	s. 2 6	1	10 0	0 2 6	...	...	...
"	1	s. 1 0	0	1 0	2	s. 1 0	0	2 0	...	...	0	1 0
Hackney Carriage...	...	s. 1 0	...	...	30	s. 2 0	3	0 0	...	...	3	0 0
Slaughter-houses	8	s. 1 0	0	8 0	7	s. 1 0	0	7 0	0 1 0	...	...	...
Game Licences	2	s. 7 6	0	15 0	2	s. 7 6	0	15 0	...	...	...	...
Provisional...	6	s. ...	...	...	17	s. ...	...	...	...	...	...	...
Provisional Repairs	7	s. ...	...	...	19	s. ...	...	...	...	...	...	...
Total	639	...	58	6 6	677	...	83	10 0	7 17 6	...	33	1 0

The above statement shows a further reduction of licenses issued, and also in revenue, as compared with the year 1903.

In 1899, 1,257 licenses were issued, and the revenue therefrom £194; whilst for the year under consideration 639 licenses were sent out, for which £58 were received, a reduction of £136.

HEALTH DEPARTMENT.

In securing the abatement of nuisances and the removal of causes dangerous to health 265 notices have been served in 1904. In supervising the work referred to in such notices of estimate that over 1,100 re-visits have been made by your Inspectors.

The 265 notices had reference to 242 houses, schools, bake-houses, slaughter-houses, &c., and I am glad to report that (excepting smoke nuisances) it has not been necessary to enforce the authority of your Council in a summary manner.

In addition to inspecting property and inquiring into various causes of complaint, your Inspectors have made inquiries into 172 cases of notified infectious disease; and arising out of such notifications 302 rooms have been fumigated, 1,594 articles disinfected, and about 900 visits and re-visits made.

The notices in respect of nuisances arising from the emission of black smoke have been dealt with separately.

The efforts of the Chairman of the Sanitary Committee (Mr. Councillor Robinson) to rid the district of foul and objectionable privies again shows good results. It is hoped such insanitary conveniences will during 1905 receive further attention.

COWSHEDS, DAIRIES, AND MILKSHOPS.

The Cowsheds, Dairies, and Milkshops' Register shows there are in the district 16 cowkeepers, occupying 26 cowsheds. These have been regularly visited during the year, and particular attention has been paid to the cows, with the result that three were found to be suffering from Mammitis. In each instance the owners' attention was drawn to the animal, with a request not to mix the milk from that cow with milk intended for human food. One cowshed was found to be overcrowded; another limewashing was found necessary; in both cases the matter of complaint was removed after receipt of formal notice.

I would respectfully point out that there were on the register for 1903, 119 purveyors of milk, whilst this year's register contains only 69, and that after posting the district requesting registration and re-registration.

FACTORY AND WORKSHOPS' ACT.

BAKEHOUSES.

During 1904 your officials have paid 131 visits to the bakehouses within the district, and on several occasions have found insanitary conditions existing, all of which have been removed by the occupier on receipt of notice. There are 31 bakehouses within your Council's jurisdiction which are subject to the operations of the Factory and Workshops' Acts. Of the above...

number only 4 are below ground level, and these have been certified as suitable places wherein to bake bread, &c.

During the year two cellar bakehouses have been re-placed by two new ones built above ground level ; in one instance a brick floor has been replaced by one of concrete, and the walls of another made smooth ; also better ventilation provided.

LAUNDRIES.

7 Visits have been paid to laundries during the year. There are the same number (5) on your Council's books as in 1903, three of which are well built, ventilated, drained, and provided with sufficient light. The two remaining ones are in cellars, and are not suitable wherein to carry on such a trade.

INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.

The Factory and Workshops Act, 1901, being much more exacting than any of its predecessors, and casting increased responsibilities on Local Authorities, your officials hope (as in the past) to use their best efforts to secure for those the Act is intended to protect better Sanitary conditions under which they labour. It may be added that during the year much useful work has been done by your officers under the provisions of the above Act.

MAGISTERIAL PROCEEDINGS.

During the year 22 persons have been proceeded against and fined for offences against the Towns Police Clauses Act, 1874.

In conclusion, I trust the various suggestions herein contained may receive your careful consideration.

I am, Gentlemen,

Yours obediently,

ELLIS NUTTALL,

Sanitary Inspector.

District Council Offices,

Talbot Road, Old Trafford ;

February 24th, 1905.



Stroud Rural District



